

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**B.Sc. (NEUROSCIENCE TECHNOLOGY) DEGREE EXAMINATION
March 2019**

Second Year

**APPLIED TECHNOLOGY - II
BASICS OF NERVE CONDUCTIONS ELECTROMYOGRAPHY
AND EVOKED POTENTIALS**

Time: Three hours

Maximum: 75 marks

I. Write an Essay on any ONE of the following: (1 x 20 = 20)

1. Method of normal sleep EEG.
2. Discuss the method of Electromyography.

II. Write short notes on any TWO of the following: (2 x 10 = 20)

3. Application for Electrodes.
4. Auditory evoked potentials.
5. Qualitative electromyography.
6. Motor unit action potential.

III. Write short answers on any SEVEN of the following: (7 x 5 = 35)

7. Sympathetic skin response.
8. Positive sharp waves.
9. Write a note on RR Interval.
10. Write notes on Heart rate variability.
11. What is EEG and ENMG machinery?
12. Short note on Awake EEG.
13. Average Evoked potential.
14. Automatic Nervous – Heart Rate Variability.
15. H – Reflex.
16. Conditions of Nervous.
